

SPECIFICATION OF STORAGE TYPE WATER COOLER - 40/80 FSS				
S.NO.	DESCRIPTOIN	TECHNICAL SPECIFICATION	REQUIREMENT	REMARKS
1	Model offered	--	Vendor to specify	
2	Storage capacity (min)	80 lit	Vendor to confirm	
3	Cooling Capacity (min)	40 lit/hr	Vendor to confirm	
4	Number of faucets (min)	2	Vendor to confirm	
5	Material of faucets	Brass/Steel with cr coating	Vendor to confirm	
6	Material of tank	Stainless steel	Vendor to confirm	
7	Material of water cooler - front, rear, top, bottom, Legs (FSS model)	Stainless steel	Vendor to confirm	
8	Legs	Stainless steel	Vendor to confirm	
9	Plastic parts (Float which come in contact with water)are of food grade quality , ensuring hygiene	Food grade quality	Vendor to confirm	
10	Water inlet hose pipe	Vendor to provide	Vendor to confirm	
11	Water Inlet hose pipe dia	1/2 bsp	Vendor to confirm	
12	Type of Refrigerant used (Non ODS)	R134a, R404A, R407C,R410 only (R22 is not acceptable)	Vendor to confirm	
13	Type of compressor	Hermetic/Reciprocating, equipped with overload protection	Vendor to confirm	
14	Condenser fan	Silent Operation	Vendor to confirm	
15	Thermostat	Adjustable, Auto Cut-off	Vendor to confirm	
16	Power Input	230Volts, 50Hz, 1 phase	Vendor to confirm	
17	Rated current (max)	15 amps	Vendor to confirm	
18	Water supply (head)	3 to 12m head, it should with stand	Vendor to confirm	
19	Dimensions of water cooler, Weight of water cooler	W X B X H; Weight	Vendor to indicate	
20	Lock and key to be provided for water tank	Lock and key (key can be common for all coolers being supplied)	Vendor to confirm	
21	Installation, Commissioning at BHEL site (specified location) is in the scope of supplier	Location will be given by BHEL	Vendor to confirm	

22	Make of water cooler (to have commonality for maintaining spares)	Usha/ Blue star/ Voltas	Vendor to confirm	
23	PQC - Offers from OEM/ Authorised dealer will be considered. (For Authorised dealer - authorisation cetificate to be submitted along with quote)	OEM/Authorised dealer	Vendor to confirm	
24	Manual (soft copy, hard copy) to be supplied along with water cooler	Manual	Vendor to confirm	
25	PQC- Past P.O copies, customer reference list & performance certificate etc. regarding water coolers/water purifier cum chillers of same/different capacities ranging to: a) 01 Procurement of 80% of the estimated cost. b) 02 Procurement of 50% of the estimated cost c) 03 Prcurement of 40% of the estimated cost.	Past P.O.s Customer reference list Performance Certificates	Vendor to attach	